

TEST REQUISITION

Client Information

Account #: _____
Account Name: _____
Phone: _____
Fax: _____
Street Address: _____
City: _____
State: _____ Zip: _____

Billing Information for Orders by Non -Members

Required: Please include face sheet and front/back of patient's insurance card.

Specimen Origin Hospital Patient (in) Hospital Patient (out)
(Must Choose 1): Non-Hospital Patient

Bill to: Client Bill Insurance Medicare
 Medicaid
 Patient/Self -Pay
 Bill charges to other Hospital/Facility:

ICD code (required): _____

Diagnosis/Patient History

Solid Tumors

Type: NSCLC Colorectal Cancer Melanoma
 Ovarian Breast Brain Prostate
 Endometrial Stomach Esophageal
 Other, Specify:

Stage: Primary Metastasis

If Metastasis, list Primary:

Relapse ICD code

Other Stage: _____

Please include most recent copy of pathology report

Hematologic Tumors

Type: AML MDS MPN DLBCL ALL
 CLL Lymphoma Myeloma
 Other, Specify:

Other Relevant Information: Ethnicity: _____
Family History: _____
Other: _____

Please include most recent copy of pathology report and CBC

Patient Information

Last Name: _____

First Name: _____

M.I.: _____ Gender: Male Female

Date of Birth: (mm/dd/yyyy): _____

Medical Record #: _____

Requisition completed by: _____

Date: _____

Ordering Physician (please print: Last, First): _____

NPI#: _____

Treating Physician (please print: Last, First): _____

The undersigned certifies that he/she is licensed to order the test(s) listed below and that such test(s) are medically necessary for the care/treatment of this patient .

Authorized Signature: _____

Date: _____

Specimen Information

Collection Date: _____ Time: _____

Specimen ID/ Block ID: _____

Fixative/Preservative: 10% Neutral Buffered Formalin Other

Hospital Discharge Date: _____

Body Site: _____

Peripheral Blood: EDTA -Purple Top(s) _____ Other _____

Bone Marrow: EDTA-Purple Top(s) _____ Other _____

Fluid: CSF _____ Pleural _____ Other _____

FNA cell block: _____

Slides #: _____ Unstained _____ Stained _____

H&E: _____ Paraffin Block(s) #: _____

* For Single Gene Testing visit our website

Test Selection

Solid Tumors Tests	Types	Genes
<input type="checkbox"/> Anthology Diagnostics -Solid Tumor Profile	DNA	434
<input type="checkbox"/> Anthology Diagnostics -Solid Tumor Fusion/Expression Profile	RNA	1408
<input type="checkbox"/> Anthology Diagnostics -Solid Tumor Profile Plus Fusion/Expression	DNA & RNA	434/1408
<input type="checkbox"/> Anthology Diagnostics -Liquid Biopsy, Solid Tumor Monitoring	DNA	275
<input type="checkbox"/> Additional Option: IHC Testing PD-L1 (22C3)	IHC	
Hematologic Tumors Tests	Types	Genes
<input type="checkbox"/> Anthology Diagnostics -Hematology Profile	DNA	177
<input type="checkbox"/> Anthology Diagnostics -Hematology Fusion/Expression Profile	RNA	1408
<input type="checkbox"/> Anthology Diagnostics -Hematology Profile Plus Fusion/Expression	DNA & RNA	177/1408
<input type="checkbox"/> Anthology Diagnostics -Liquid Biopsy, Hematology Profile	DNA	177

Anthology Diagnostics-Solid Tumor Profile

This test is designed to profile the molecular abnormalities in various solid tumors including glioblastoma and sarcoma, and to provide physicians with clinically actionable information. This profiling covers single nucleotide abnormalities and insertions/deletions in 434 genes along with testing for microsatellite instability (MSI) and tumor mutational burden (TMB). The provided information helps in determining prognosis, designing therapeutic approach and predicting response to therapy. **Anthology Diagnostics-Liquid Biopsy**, Solid Tumor Monitoring is for monitoring after establishing molecular abnormalities using a baseline tissue sample, and uses cfDNA in peripheral blood plasma to identify molecular abnormalities in 275 genes implicated in solid tumors. **Anthology Diagnostics-Solid Tumor Profile Plus Fusion/Expression** combines the analysis of DNA with RNA analysis to detect fusion genes and expression.

Genes Tested for Abnormalities in coding sequence*																	
ABCB7	AURKA	BTK	CDKN2A	DDX41	EXO1	FGFR2	GLI1	IGF1R	KIT	MDM4	NKX2-1	PIK3C2B	PTEN	RNF168	SMARCB1	TCF3	WISP3
ABL1	AURKB	C11ORF30	CDKN2B	DICER1	EZH2	FGFR3	GLI2	IGF2	KLF1	MED12	NLRP3	PIK3CA	PTPN11	RNF43	SMC1A	TCIRG1	WT1
ABL2	AURKC	C15ORF41	CDKN2C	DKC1	FAM175A	FGFR4	GNA11	IKBKE	KLHL6	MEF2B	NME1	PIK3CB	OKI	RO51	SMC3	TERC	XPO1
ACD	AXIN1	CALR	CEBPA	DNM2	FAM46C	FH	GNA13	IKZF1	KLLN	MEFV	NOPT0	PIK3CG	RAB27A	RPTOR	SMO	TERF1	XRCC2
ACVR1B	AXIN2	CARD11	CHD2	DNMT3A	FANCA	FLCN	GNAQ	IKZF3	KMT2A	MEN1	NOTCH1	PIK3R1	RAC1	RTEL1	SNCAIP	TERF2	XRCC3
ADA	AXL	CBFB	CHD4	DOT1L	FANCB	FLI1	GNAS	IL2RG	KMT2B	MET	NOTCH2	PIK3R2	RAD21	RUNX1	SOC1	TERF2IP	ZBTB2
AK2	B2M	CSL	CHEK1	EED	FANCC	FLT1	GPR124	IL7R	KMT2C	MITF	NOTCH3	PIM1	RAD50	RUNX1T1	SOX10	TERT	ZNF217
AKT1	BAP1	CBLB	CHEK2	EGFR	FANCD2	FLT3	GRM3	INHBA	KMT2D	MLH1	NPM1	PLCG1	RAD51	SAMD9L	SOX2	TET2	ZNF703
AKT2	BARD1	CBL	CIC	EGLN1	FANCE	FLT4	GRIN2A	INPP4B	KRAS	MPL	NRAS	PLCG2	RAD51B	SDS	SOX9	TGFBP2	ZRSR2
AKT3	BCL2	CCND1	CREBBP	ELANE	FANCF	FOXL2	GRM3	IRF2	LIG4	MRE11A	NROB1	PMS1	RAD51C	SBF2	SPEN	TNFAIP3	
ALK	BCL2L1	CCND2	CRKL	EP300	FANCG	FOXP1	GSK3B	IRF4	LMO1	MSH2	NSD1	PMS2	RAD51D	SDHA	SPOP	TNFRSF14	
AMER1	BCL2L2	CCND3	CRLF2	EPAS1	FANCI	FRS2	GSKIP	IRS2	LPIN2	MSH6	NTRK1	POLD1	RAD54L	SDHB	SPTA1	TNFRSF1A	
ANKRD26	BCL6	CCNE1	CSF1R	EPCAM	FANCL	FUBP1	H3F3A	JAGN1	LRP1B	MTOR	NTRK2	POLE	RAF1	SDHC	SRC	TOP1	
APC	BCOR	CD274	CSF3R	EPHA3	FANCM	GPC3	HAX1	JAK1	LYN	MUTYH	NTRK3	POT1	RANBP2	SDHD	SRSF2	TOP2A	
AR	BCORL1	CD79A	CTC1	EPHA5	FAS	GABRA6	HGF	JAK2	LYST	MYK	NUP93	PPM1D	RARA	SEC23B	STAG2	TP53	
ARAF	BCR	CD79B	CTCF	EPHA7	FAT1	GALNT12	HIST1H3B	JAK3	LZTR1	MYC	PAK3	PPP2R1A	RB1	SETBP1	STAT3	TRAF3	
ARFRP1	BIRC3	CDAN1	CTNNA1	EPHB1	FBXW7	GATA1	HNFA1	JUN	MAGI2	MYCL	PALB2	PRDM1	RBBP6	SETD2	STAT4	TSC1	
ARID1A	BLM	CD373	CTNBL1	ERBB2	FGF10	GATA2	HOXA11	KAT6A	MAP2K1	MYCN	PARK2	PREX2	RBM10	SF3B1	STAT6	TSC2	
ARID1B	BMPR1A	CDH1	CUL3	ERBB3	FGF14	GATA3	HOXB13	KDM5A	MAP2K2	MYD88	PAX5	PRKAR1A	REEP5	SLF12	STK11	TSHR	
ARID2	BRAF	CDK12	CUX1	ERBB4	FGF19	GATA4	HRAS	KDM5C	MAP2K4	NBN	PBRM1	PRKCI	RBM8A	SLX4	SUFU	U2AF1	
ASXL1	BRCA1	CDK4	CXCR4	ERCC4	FGF23	GATA6	HSD3B1	KDM6A	MAP3K1	NF1	PDCD1LG2	PRKDC	RET	SMAD2	SUZ12	U2AF2	
ATG2B	BRCA2	CDK6	CYLD	ERG	FGF3	GEN1	HSP90AA1	KDR	MAP3K14	NF2	PDGFRA	PRSS1	RHEB	SMAD3	SYK	VEGFA	
ATM	BRD4	CDK8	DAXX	ERRF1	FGF4	GF1	ID3	KEAP1	MAPK1	NFE2L2	PDGFRB	PRSS8	RHOA	SMAD4	TAF1	VHL	
ATR	BRIP1	CDKN1A	DDR2	ESR1	FGF6	GF1B	IDH1	KEL	MCL1	NFKBIA	PDK1	PSTPIP1	RICTOR	SMAD9	TAL1	WAS	
ATRX	BTG1	CDKN1B	DDX11	ETV6	FGFR1	ID4	IDH2	KIF23	MDM2	NHP2	PHF6	PTCH1	RIT1	SMARCA4	TBX3	WHSC1	

* Microsatellite markers BAT25, BAT26, D2S123, D5S346, and D17S250 are included.

Anthology Diagnostics-Solid Tumor Fusion/Expression Profile

This test is designed to profile the molecular abnormalities in various solid tumors including glioblastoma and sarcoma and to provide physicians with clinically actionable information. This profiling provides clinically relevant information on translocations and expression of 1,408 cancer-specific genes with a focus on 55 genes below implicated in solid tumors. This assay is designed to detect various translocations involving ALK, ROS1, RET, NTRK, genes involved in sarcoma and other neoplasms. In addition, expression of genes of clinical relevance is reported including MYC, PD-L1 and others.

Fusion/Expression													
ABL1	BCL2	CBFB	ERG	FGFR2	FOXO1	IKZF3	MAP3K1	NTRK1	NUP98	PICALM	RHOA	SS18	TCF3
AKT3	BCL6	CIC	ETV6	FGFR3	FUS	JAK2	MECOM	NTRK2	PDGFRA	PML	ROS1	STAT6	TGF
ALK	BRAF	CREBBP	EWSR1	FIP1L1	GLI1	KIAA1549	MYC	NTRK3	PDGFRB	RARA	RUNX1	TAFG	YWHAE
BCL1	CAMTA1	EGFR	FGFR1	FLAG1	HMGA2	KMT2A	NOTCH1	NUP214	PD-L1	RET	RUNX1T1	TAL1	

Anthology Diagnostics-Hematology Profile

This test is designed to profile the molecular abnormalities in various leukemias, lymphoma and myeloma. The assay is used for stratifying patients and determining prognosis and selecting therapy. This assay is excellent for confirming the diagnosis of MDS and differentiating it from CCUS, ICUS and CHIP. **Anthology Diagnostics-Liquid Biopsy**, Hematology Profile is the same, but performed on cfDNA in peripheral blood plasma. **Anthology Diagnostics-Hematology Profile Plus Fusion/Expression** combines expression and fusion, and provides complete profiling for abnormalities in hematologic neoplasms including the diagnosis of Ph- and Ph-like acute lymphoblastic leukemia, double and triple hit DLBCL, as well as classification of DLBCL as GCB or ABC.

Hematology Genes Tested for Abnormalities in coding sequence												
ABL1	BCL2	CBL	CDKN2C	DICER1	FAS	IDH2	KMT2A	MPL	PAX5	PTCH1	SMAD2	TGFBP2
AKT1	BCL2L1	CBLB	CEBPA	DNMT3A	FBXW7	IGF1R	KMT2B	MRE11A	PBRM1	PTEN	SMAD4	TP53
AKT2	BCL6	CBL	CHEK1	EP300	FLT3	IKZF1	KMT2C	MTOR	PDGFRA	PTPN11	SMARCA4	TSC1
AKT3	BCOR	CCND1	CHEK2	ERG	GATA1	IKZF3	KMT2D	MUTYH	PDGFRB	RAD21	SMARCB1	TSC2
ALK	BCORL1	CCND3	CIC	ETV6	GATA2	IRF4	KRAS	MYC	PHF6	RAD50	SMC1A	TSHR
AMER1	BCR	CD274	CREBBP	EZH2	GATA3	JAK1	MAP2K1	MYD88	PIK3CA	RAD51	SMO	WT1
APC	BIRC3	CD79A	CRLF2	FAM175A	GEN1	JAK2	MAP2K2	NFKBIA	PIK3R1	RB1	SOC1	ZNF217
ARID1A	BLM	CD79B	CSF1R	FAM46C	GNAQ	JAK3	MAP2K4	NOTCH1	PIK3R2	RHOA	SRC	ZRSR2
ARID1B	BRAF	CDH1	CSF3R	FANCA	GNAS	KAT6A	MAP3K1	NOTCH2	PIM1	RNF43	SRSF2	MEF2B
ARID2	BRCA1	CDK12	CTNNA1	FANCC	H3F3A	KDM5C	MAP3K14	NOTCH3	PLCG1	RUNX1	STAG2	
ASXL1	BRCA2	CDK4	CTNNA1	FANCD2	HNFA1	KDM6A	MAPK1	NPM1	POLD1	SDHB	STAT3	
ATM	BTK	CDK6	CUX1	FANCE	HOXB13	KDR	MCL1	NRAS	POLE	SETBP1	STK11	
ATRX	CALR	CDKN2A	CXCR4	FANCF	HSP90AA1	KEAP1	MDM2	NSD1	PPM1D	SETD2	TERT	
B2M	CARD11	CDKN2B	DDR2	FANCG	IDH1	KIT	MDM4	PALB2	PPP2R1A	SF3B1	TET2	

Anthology Diagnostics-Hematology Fusion/Expression Profile

This test provides clinically relevant information on translocations and expression of 1,408 genes with a focus on 67 specific genes below associated with hematologic neoplasms. This assay is designed to detect various translocations involving ABL1, RUNX1, BCL2, RARA, PAX5, JAK2, CBFB and other genes involved in leukemia, lymphoma, and myeloma.

Fusion/Expression																
ABL1	ALK	BRAF	CREBBP	EPOR	ETV5	FGFR2	FOXO1	JAK1	MAP3K1	NOTCH1	NUP214	PCM1	PICALM	RET	RUNX1T1	TCF3
ABL2	BCL1	CBFB	CRLF2	ERG	ETV6	FGFR3	FUS	JAK2	MECOM	NTRK1	NUP98	PDGFRA	PML	RHOA	SS18	TCF3
AKT3	BCL2	CBL	CSF1R	ETV1	EWSR1	FIP1L1	GLI1	KMT2A	MYC	NTRK2	P2RY8	PDGFRB	PTK2B	ROS2	STAT6	TFG
ALK	BCL6	CIC	EGFR	ETV4	FGFR1	FLT3	IKZF3	KRT18P6	MYH9	NTRK3	PBX1	PD-L1	RARA	RUNX1	TAL1	TYK2